

> d his ful; d que sta; d que sta l12

(FILE 'HOME' ENTERED AT 19:02:00 ON 22 SEP 2009)

FILE 'REGISTRY' ENTERED AT 19:02:07 ON 22 SEP 2009

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L1      518 SEA ABB=ON PLU=ON [AILMVHFWYRKNCQSTP][RKNCQST][NCQSTP][RK]PP[
      RKNQCSTP][RKNCQSTP][AILMVHFWY][NCQSTP][AILMVHFWY][AILMVHFWYRKNC
      QSTG]/SQSP
L2      1 SEA ABB=ON PLU=ON [AILMVHFWYRKNCQSTP][RKNCQST][NCQSTP][NCQST]
      [RK]PP[RK][RKNCQSTP][HFWYP][RKNCQST][HFWYP][NCQST][AILMVHFWYRKNC
      QSTP]/SQSP
L3      0 SEA ABB=ON PLU=ON L1 AND SQL=12
L4      0 SEA ABB=ON PLU=ON L2 AND SQL=14
L5      6 SEA ABB=ON PLU=ON L1 AND SQL<20
L6      0 SEA ABB=ON PLU=ON L2 AND SQL<20
      D L5

```

FILE 'ZCAPLUS' ENTERED AT 19:04:03 ON 22 SEP 2009

```

L7      1 SEA ABB=ON PLU=ON L2
      D IBIB
L8      353 SEA ABB=ON PLU=ON L1
L9      258 SEA ABB=ON PLU=ON L8 AND (PD<=20030502 OR PRD<=20030502)
L10     258 SEA ABB=ON PLU=ON L9 AND (PD<20030502 OR PRD<20030502)
      D L10 1-2 IBIB HITSEQ
L11     5 SEA ABB=ON PLU=ON L5
L12     5 SEA ABB=ON PLU=ON L11 AND L10
      D L12 1-5 IBIB HITSEQ
      D QUE STA

```

FILE 'REGISTRY' ENTERED AT 19:09:14 ON 22 SEP 2009

```

L13     5 SEA ABB=ON PLU=ON [AILMVHFWYRKNCQSTP][RKNCQST][NCQSTP][RK]XX[
      RKNQCSTP][RKNCQSTP][AILMVHFWY][NCQSTP][AILMVHFWY][AILMVHFWYRKNC
      QSTG]/SQSP
L14     0 SEA ABB=ON PLU=ON [AILMVHFWYRKNCQSTP][RKNCQST][NCQSTP][NCQST]
      [RK]XX[RK][RKNCQSTP][HFWYP][RKNCQST][HFWYP][NCQST][AILMVHFWYRKNC
      QSTP]/SQSP

```

FILE 'ZCAPLUS' ENTERED AT 19:12:34 ON 22 SEP 2009

```

L15     3 SEA ABB=ON PLU=ON L13
      D L15 1-3
      D L15 1-3 IBIB HITSEQ
      D QUE STA

```

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 21 SEP 2009 HIGHEST RN 1185984-45-5

DICTIONARY FILE UPDATES: 21 SEP 2009 HIGHEST RN 1185984-45-5

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<http://www.cas.org/support/stngen/stdoc/properties.html>

#### FILE ZCAPLUS

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REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2009  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2009

ZCAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

The ALL, BIB, MAX, and STD display formats in the CA/CAplus family of databases have been updated to include new citing references information. This enhancement may impact record import into database management software. For additional information, refer to NEWS 9.

```
L13      5 SEA FILE=REGISTRY ABB=ON PLU=ON [AILMVHFYRKNQCSTP][RKNCQST][
          NCQSTP][RK]XX[RKNCQSTP][RKNCQSTP][AILMVHFWY][NCQSTP][AILMVHFWY]
          [AILMVHFYRKNQCSTG]/SQSP
L15      3 SEA FILE=ZCAPLUS ABB=ON PLU=ON L13

L1       518 SEA FILE=REGISTRY ABB=ON PLU=ON [AILMVHFYRKNQCSTP][RKNCQST][
          NCQSTP][RK]PP[RKNCQSTP][RKNCQSTP][AILMVHFWY][NCQSTP][AILMVHFWY]
          [AILMVHFYRKNQCSTG]/SQSP
L5       6 SEA FILE=REGISTRY ABB=ON PLU=ON L1 AND SQL<20
```

L8 353 SEA FILE=ZCAPLUS ABB=ON PLU=ON L1  
L9 258 SEA FILE=ZCAPLUS ABB=ON PLU=ON L8 AND (PD<=20030502 OR  
PRD<=20030502)  
L10 258 SEA FILE=ZCAPLUS ABB=ON PLU=ON L9 AND (PD<20030502 OR  
PRD<20030502)  
L11 5 SEA FILE=ZCAPLUS ABB=ON PLU=ON L5  
L12 5 SEA FILE=ZCAPLUS ABB=ON PLU=ON L11 AND L10